

Title (en)

A control device for a pneumatically-driven demand pump.

Title (de)

Steuerungsvorrichtung für eine Förderpumpe mit pneumatischem Antrieb.

Title (fr)

Dispositif de commande d'une pompe à actionnement pneumatique.

Publication

EP 0105526 A2 19840418 (EN)

Application

EP 83109971 A 19831005

Priority

US 43284082 A 19821005

Abstract (en)

A control device associated with a pneumatically-driven demand pump comprising a valve system which shuts off the gas which drives the pneumatic pump in response to a pressure-sensitive diaphragm which detects variations in pressure in the fluid output from the pump. The pressure-sensitive diaphragm serves the dual function of suppressing surges of liquid flow from the pump and stopping the pump when the liquid pressure drops below a predetermined minimum by closing a valve to shut off the gas.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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